Docket No.: 028CIP-119

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	John SANTHOFF et al.)	
Serial No.:	To be assigned)	
Filed:	February 10, 2004)	
For:	ULTRA-WIDEBAND COMMUNICATION THROUGH A POWER GRID))) _)	
		- ·	San Diego, California

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir or Madam:

In accordance with 37 C.F.R. § 1.56, Applicants make the documents listed on the enclosed form PTO/SB/08 (submitted in duplicate) of record in the above-identified application. In accordance with 37 C.F.R. § 1.97, this statement is not to be construed as a representation that a search has been made, and is not a representation that the information cited is effective as prior art to the application or is material to patentability.

Copies of the U.S. patents and U.S. patent application publications listed on the enclosed form PTO/SB/08 are not enclosed, in accordance with the waiver of the requirement of 37 C.F.R. § 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 that appears in the Official Gazette Notice (Week No. 31) dated August 5, 2003 and entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003".

The foreign patent document listed on the enclosed form PTO/SB/08 was cited in earlier application Serial No. 10/177,313. Therefore, in accordance with 37 C.F.R. § 1.98(d), a copy of the foreign patent document listed on the enclosed form PTO/SB/08 is not enclosed. However, enclosed please find three non-patent literature documents for consideration, which are newly cited with this continuation-in-part patent application.

It is respectfully requested that the documents listed on the enclosed form PTO/SB/08 be (1) fully considered by the U.S. Patent and Trademark Office in the examination of the above-identified application; and (2) printed on any patent which may issue on this application. It is also respectfully requested that a copy of the enclosed form PTO/SB/08, as considered and initialed by the Examiner, be returned to the undersigned with the next communication in accordance with M.P.E.P. § 609.

This Information Disclosure Statement is filed within three months of the filing date of the above-identified application, pursuant to 37 C.F.R. 1.97(b). Therefore, it is believed that no fee is required in connection with this submission.

Respectfully submitted,

2-10-2004

Date

John Santhoff

Substitute for form	K Reduction Act of 1995, no persons are required	Complete if Known			
	14401. 10	Application Number	To be assigned		
INFORM	ATION DISCLOSURE	Filing Date	February 10, 2004		
		First Named Inventor	John Santhoff		
STATEM	ENT BY APPLICANT	Art Unit	To be assigned		
(Use a	as many sheets as necessary)	Examiner Name	To be assigned		
neet 1	of 3	Attorney Docket Number	028CIP-119		

Sheet

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3,728,632	04-17-1973	Gerald F. Ross	
		^{US-} 4,641,317	02-03-1987	Larry W. Fullerton	
		^{US-} 4,743,906	05-10-1998	Larry W. Fullerton	
		^{US-} 4,813,057	03-14-1989	Larry W. Fullerton	
		^{US-} 4,815,106	03-21-1989	Michael B. Propp	
		^{US-} 4,864,589	09-05-1989	Kaoru Endo	
		^{US-} 4,979,186	12-18-1990	Larry W. Fullerton	
		^{US-} 5,051,720	09-24-1991	Kitti Kittirutsuneto	
		^{US-} 5,278,862	01-11-1994	Timothy J. Vander Mey	
		^{US-} 5,363,108	11-08-1994	Larry W. Fullerton	
		^{US-} 5,485,040	01-16-1996	Philip H. Sutterlin	
-		^{US-} 5,491,463	02-13-1996	Matthew G. Sargeant	
		^{US-} 5,523,760	06-04-1996	McEwan	
		^{US-} 5,554,968	09-10-1996	Raymond Lee	
		us- 5,677,927	10-14-1997	Larry W. Fullerton	
		^{US-} 5,687,169	11-11-1997	Larry W. Fullerton	
		^{US-} 5,729,607	03-17-1998	Anthony DeFries et al.	
		^{US-} 5,745,837	04-28-1998	Amir Michael Fuhrmann	
		^{US-} 5,744,526	06-30-1998	Michael B. Propp et al.	

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
		WO 02/31986	04-18-2002	Xtremespectrum, Inc.		
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Examiner	· · · · · ·	Date	
Signature		Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sub	stitute for form 1449/PTO		Complete if Known		
-			Application Number	To be assigned	
INFORMATION DISCLOSURE		Filing Date	February 10, 2004		
		First Named Inventor	John Santhoff		
S	STATEMENT BY APPLICANT		Art Unit	To be assigned	
	(Use as many sheets a	as necessary)	Examiner Name	To be assigned	
Sheet	2 of	3	Attorney Docket Number	028CIP-119	

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		^{US-} 5,864,284	01-26-1999	Lelon Wayne Sanderson	
		^{US-} 5,937,342	08-10-1999	Paul A. Kline	
		^{US-} 5,940,387	08-17-1999	Richard Humpleman	
		^{US-} 5,944,842	08-31-1999	Michael B. Propp et al.	
		^{US-} 5,982,276	11-09-1999	William L. Stewart	
		^{US-} 6,031,862	02-29-2000	Larry W. Fullerton et al.	
		^{US-} 6,040,759	03-21-2000	Lelon Wayne Sanderson	
		^{US-} 6,178,217	01-23-2001	Anthony DeFries et al.	
		^{US-} 6,281,784	08-28-2001	Robert E. Redgate et al.	
		^{US-} 6,373,377	04-16-2002	Frank Sacca et al.	
		^{US-} 6,586,999	07-01-2003	Richley	
		^{US-} 2001/0011930 A1	08-09-2001	Kintis et al.	
		^{US-} 2001/0054953 A1	12-27-2001	Paul A. Kline	
		^{US-} 2002/0024423 A1	02-28-02	Paul A. Kline	
		^{US-} 2002/0076193 A1	06-20-2002	Melick et al.	
		^{US-} 2003/0202537 A1	10-30-2003	Rogerson et al.	
		US-			
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		US-			

		FORE	GN PATENT DOCU	MENTS		
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
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				<u>, </u>		-

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Substitute for form 1449/PTO		C mplet if Known
Substitute for Islan 1445/110	Applicati n Number	To be assigned
INFORMATION DISCLOSURE	Filing Date	February 10, 2004
STATEMENT BY APPLICANT	First Named Inventor	John Santhoff
(Use as many sheets as necessary)	Art Unit	To be assigned
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Sheet 3 of 3	Attorney Docket Number	028CIP-119

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ECHELON, Powerline Communications, 05-16-1997, 50 pages	
		POWERLINE COMMUNICATIONS, Powerline Coexistence, White paper, 03/2001, 12 pages	
		DAN RAPHAELI & EVGENI BASSIN, A Comparison between OFDM, Single Carrier, and Spread Spectrum for High Data Rate PLC, 04/1999, White paper, 6 pages	
		l D.	

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